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L5	75 S UL54
L6	0 S L4 AND L5
L7	6 S L1 AND L2

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☐ 1. Document ID: US 20020177568 A1

L8: Entry 1 of 18

File: DWPI

Nov 28, 2002

DERWENT-ACC-NO: 2003-340953

DERWENT-WEEK: 200332

COPYRIGHT 2004 DERWENT INFORMATION LTD

TITLE: Novel enzymatic nucleic acid molecules which down regulates expression of a sequence encoding a subunit of nuclear factor kappa B useful for treating cancer, inflammatory disorders and autoimmune diseases

INVENTOR: DRAPER, K G; MCSWIGGEN, J ; STINCHCOMB, D T

PRIORITY-DATA: 2001US-0864785 (May 23, 2001), 1992US-0987132 (December 7, 1992), 1994US-0245466 (May 18, 1994), 1994US-0291932 (August 15, 1994), 1996US-0777916 (December 23, 1996)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 20020177568 A1	November 28, 2002		072	C07H021/04

INT-CL (IPC): A61 K 48/00; C07 H 21/04

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	RMC	Draw D
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☐ 2. Document ID: CA 2285921 C, WO 9845314 A1, AU 9871033 A, EP 975654 A1, AU 725047 B, JP 2000514093 W, US 6153595 A, KR 2001006089 A, KR 353924 B

L8: Entry 2 of 18

File: DWPI

Jun 15, 2004

DERWENT-ACC-NO: 1998-568330

DERWENT-WEEK: 200440

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TITLE: New antisense oligonucleotides that target cytomegalovirus nucleic acid - particularly including 2-methoxyethoxy sugar modifications, especially for treating viral retinitis, with long-lasting retention in the retina

INVENTOR: ANDERSON, K P; CHAPMAN, S ; DRAPER, K G ; KISNER, D L

PRIORITY-DATA: 1997US-0838715 (April 9, 1997), 1990US-0568366 (August 16, 1990), 1991WO-US05815 (August 14, 1991), 1992US-0927506 (November 19, 1992), 1993US-0009263 (January 25, 1993), 1994US-0233711 (April 26, 1994), 1997US-0784498 (January 17, 1997)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>CA 2285921 C</u>	June 15, 2004	E	000	C07H021/04
<u>WO 9845314 A1</u>	October 15, 1998	E	098	C07H021/04
<u>AU 9871033 A</u>	October 30, 1998		000	
<u>EP 975654 A1</u>	February 2, 2000	E	000	
<u>AU 725047 B</u>	October 5, 2000		000	
<u>JP 2000514093 W</u>	October 24, 2000		101	C07H021/04
<u>US 6153595 A</u>	November 28, 2000		000	A61K048/00
<u>KR 2001006089 A</u>	January 15, 2001		000	C07H021/04
<u>KR 353924 B</u>	September 27, 2002		000	C07H021/04

INT-CL (IPC): A61 K 31/712; A61 K 48/00; A61 P 31/22; C07 H 21/04; C12 N 15/09; C12 Q 1/68

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw D
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☐ 3. Document ID: US 20030207837 A1, WO 9618736 A2, AU 9644120 A, WO 9618736 A3, US 5612215 A, US 5627053 A, EP 799313 A1, US 5672501 A, US 5672511 A, US 5716824 A, US 5731295 A, US 5767263 A, MX 9704440 A1, US 5840876 A, US 5877021 A, US 5879938 A, US 5891683 A, US 5891684 A, US 6117657 A, US 6146886 A, US 6194150 B1, US 6239272 B1, US 20010012618 A1, JP 2001526521 W, US 6362323 B1, US 6451540 B2, US 20020193579 A1, US 6528639 B2, US 6555668 B2, US 20030165900 A1, US 20030165969 A1, US 20030166896 A1

L8: Entry 3 of 18

File: DWPI

Nov 6, 2003

DERWENT-ACC-NO: 1996-300653

DERWENT-WEEK: 200374

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TITLE: Enzymatic nucleic acid molecules having a hammer-head motif - used for the treatment of arthritis, induction of graft tolerance or treatment of auto-immune diseases

INVENTOR: BEIGELMAN, L; BURGIN, A ; DRAPER, K ; GUSTOFSON, J ; JARVIS, T ; KARPEISKY, A ; MATULIC-ADAMIC, J ; MCSWIGGEN, J ; MODAK, A ; PAVCO, P ; STINCHCOMB, D T ; THOMPSON, J D ; USMAN, N ; WINCOTT, F ; DRAPER, K G

PRIORITY-DATA: 1995US-0541365 (October 5, 1995), 1994US-0354920 (December 13, 1994), 1994US-0363253 (December 23, 1994), 1994US-0363254 (December 23, 1994), 1995US-0390850 (February 17, 1995), 1995US-0426124 (April 20, 1995), 1995US-0432874 (May 2, 1995), 1995US-0434509 (May 4, 1995), 1995US-000951P (July 7, 1995), 1995US-000974P (July 7, 1995), 1995US-0512861 (August 7, 1995), 1992US-0989848 (December 7, 1992), 1993US-0152487 (November 12, 1993), 1994US-0218934 (March 29, 1994), 1994US-0222795 (April 4, 1994), 1992US-0963322 (October 15, 1992), 1993US-0149210 (November 8, 1993), 1995US-0437114 (May 5, 1995), 1995US-0435634 (May 5, 1995), 1995US-0435521 (May 5, 1995), 1997US-0873793 (June 12, 1997), 1996US-0585684 (January 12, 1996), 1995US-0435398 (May 5, 1995), 1993US-0116177 (September 2, 1993), 1993US-0152481 (November 12, 1993), 1994US-0233748 (April 19, 1994), 1998US-0182975 (October 29, 1998), 1994US-0293520 (August 19, 1994), 1994US-0337608 (November 10, 1994), 1998US-0038073 (March 11, 1998), 1998US-0098694 (June 17, 1998), 2001US-0804824 (March 13, 2001), 2000US-0628959 (July 31, 2000), 1995US-0424124 (April 20, 1995), 2002US-0041614 (January 8, 2002), 1998US-0034113 (March

3, 1998), 2002US-0174850 (June 19, 2002), 2003US-0390206 (March 17, 2003), 2002US-0170864 (June 13, 2002), 2000US-0650012 (August 28, 2000), 2003US-0440850 (May 19, 2003)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 20030207837 A1	November 6, 2003		000	C07H021/02
WO 9618736 A2	June 20, 1996	E	306	C12N015/52
AU 9644120 A	July 3, 1996		000	C12N015/52
WO 9618736 A3	September 19, 1996		000	
US 5612215 A	March 18, 1997		241	C12N015/85
US 5627053 A	May 6, 1997		027	C12P019/34
EP 799313 A1	October 8, 1997	E	000	C12N015/52
US 5672501 A	September 30, 1997		054	C07H021/00
US 5672511 A	September 30, 1997		038	C12Q001/68
US 5716824 A	February 10, 1998		020	C12N005/10
US 5731295 A	March 24, 1998		232	A61K048/00
US 5767263 A	June 16, 1998		000	C07H021/02
MX 9704440 A1	October 1, 1997		000	C12N015/52
US 5840876 A	November 24, 1998		000	C07H021/04
US 5877021 A	March 2, 1999		000	C12Q001/68
US 5879938 A	March 9, 1999		000	C07H021/04
US 5891683 A	April 6, 1999		000	C12P019/34
US 5891684 A	April 6, 1999		000	C07H021/04
US 6117657 A	September 12, 2000		000	C12P019/34
US 6146886 A	November 14, 2000		000	C12N015/00
US 6194150 B1	February 27, 2001		000	C07H021/04
US 6239272 B1	May 29, 2001		000	C07H021/02
US 20010012618 A1	August 9, 2001		000	C12Q001/70
JP 2001526521 W	December 18, 2001		332	C12N015/09
US 6362323 B1	March 26, 2002		000	C07H021/00
US 6451540 B2	September 17, 2002		000	C12Q001/68
US 20020193579 A1	December 19, 2002		000	C07H021/02
US 6528639 B2	March 4, 2003		000	C07H021/04
US 6555668 B2	April 29, 2003		000	C07H021/00
US 20030165900 A1	September 4, 2003		000	C12Q001/68
US 20030165969 A1	September 4, 2003		000	C12Q001/68
US 20030166896 A1	September 4, 2003		000	C07H021/02

, US 5891683 A INT-CL (IPC): A01 N 43/04; A61 K 31/70; A61 K 31/7105; A61 K 48/00; A61 P 19/02; A61 P 37/06; C07 H 11/04; C07 H 19/06; C07 H 19/10; C07 H 19/48; C07 H 21/00; C07 H 21/02; C07 H 21/04; C07 K 19/04; C07 K 19/10; C07 K 19/20; C12 N 5/00; C12 N 5/06; C12 N 5/08; C12 N 5/10; C12 N 9/00; C12 N 9/16; C12 N 15/00; C12 N 15/09; C12 N 15/52; C12 N 15/63; C12 N 15/85; C12 N 15/86; C12 P 19/34; C12 P 21/00; C12 Q 1/68; C12 Q 1/70

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw
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☐ 4. Document ID: WO 9528941 A1, AU 9522969 A, EP 758242 A1, JP 09505608 W, EP 758242 A4, US 5767102 A

L8: Entry 4 of 18

File: DWPI

Nov 2, 1995

DERWENT-ACC-NO: 1995-382835

DERWENT-WEEK: 200347

COPYRIGHT 2004 DERWENT INFORMATION LTD

TITLE: Anti-sense oligo-nucleotide against the CMV immediate early 2 gene - useful for treatment of cytomegalovirus infections, esp. retinitis

INVENTOR: CHAPMAN, S K; DRAPER, K G ; KISNER, D L

PRIORITY-DATA: 1994US-0233711 (April 26, 1994), 1990US-0568366 (August 16, 1990), 1991WO-US05815 (August 14, 1991), 1992US-0927506 (November 19, 1992), 1993US-0009263 (January 25, 1993), 1997US-0784498 (January 17, 1997)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>WO 9528941 A1</u>	November 2, 1995	E	032	A61K031/70
<u>AU 9522969 A</u>	November 16, 1995		000	
<u>EP 758242 A1</u>	February 19, 1997	E	000	
<u>JP 09505608 W</u>	June 3, 1997		029	A61K031/70
<u>EP 758242 A4</u>	July 16, 1997		000	A61K031/70
<u>US 5767102 A</u>	June 16, 1998		000	A61K048/00

INT-CL (IPC): A61 K 31/70; A61 K 48/00; C07 H 17/00; C07 H 21/00; C07 H 21/04; C12 N 15/00; C12 N 15/10; C12 N 15/11; C12 P 19/34; C12 Q 1/68

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	MMMC	Draw. D
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☐ 5. Document ID: CA 2468048 A1, WO 9523225 A2, AU 9518214 A, WO 9523225 A3, EP 746614 A1, US 5616488 A, US 5631359 A, US 5631360 A, US 5639647 A, US 5658780 A, JP 09509323 W, US 5686599 A, US 5693532 A, US 5714383 A, MX 9603638 A1, US 5783425 A, US 5804683 A, US 5811300 A, US 5831071 A, US 5837542 A, US 5837855 A, US 5902880 A, AU 706417 B, US 5977343 A, US 5985621 A, AU 9948760 A, US 6022962 A, US 6093555 A, US 6132967 A, AU 744191 B, US 6353098 B1, US 6365374 B1, US 6379954 B1, AU 200227742 A, US 6410224 B1, US 6436644 B1, US 6437117 B1, US 6469158 B1, EP 1260586 A2, US 20020197684 A1, US 20030088087 A1, US 20030166917 A1, US 6649751 B2

L8: Entry 5 of 18

File: DWPI

Aug 31, 1995

DERWENT-ACC-NO: 1995-351090

DERWENT-WEEK: 200451

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TITLE: Ribozymes having modified bases and methods for producing them - for use in inhibiting disease related genes

INVENTOR: BIEGELMAN, L; CHOWRIRA, B ; DIRENZO, A ; DRAPER, K G ; DUDYCZ, L W ; GRIMM, S ; KARPEISKY, A ; KISICH, K ; MATULIC-ADAMIC, J ; MCSWIGGEN, J A ; MODAK, A ; PAVCO, P ; STINCHCOMB, D T ; SULLIVAN, S M ; SWEEDLER, D ; THOMPSON, J D ; TRACZ, D ; USMAN, N ; WINCOTT, F E ; WOOLF, T ; BEIGELMAN, L ; KODAK, A ; PAVCO, A M P ; WINCOTT, F ; MCSWIGGEN, J ; SULLIVAN, S ; DRAPER, K ; DUDYCZ, L ; THOMPSON,

J ; BEIGLEMAN, L

PRIORITY-DATA: 1995US-0380734 (January 30, 1995), 1994US-0201109 (February 23, 1994), 1994US-0218934 (March 29, 1994), 1994US-0222795 (April 4, 1994), 1994US-0224483 (April 7, 1994), 1994US-0227958 (April 15, 1994), 1994US-0228041 (April 15, 1994), 1994US-0245736 (May 18, 1994), 1994US-0271280 (July 6, 1994), 1994US-0291932 (August 15, 1994), 1994US-0291433 (August 16, 1994), 1994US-0292620 (August 17, 1994), 1994US-0293520 (August 19, 1994), 1994US-0300000 (September 2, 1994), 1994US-0303039 (September 8, 1994), 1994US-0311486 (September 23, 1994), 1994US-0311749 (September 23, 1994), 1994US-0314397 (September 28, 1994), 1994US-0316771 (October 3, 1994), 1994US-0319492 (October 7, 1994), 1994US-0321993 (October 11, 1994), 1994US-0334847 (November 4, 1994), 1994US-0337608 (November 10, 1994), 1994US-0345516 (November 28, 1994), 1994US-0357577 (December 16, 1994), 1994US-0363233 (December 23, 1994), 1992US-0989849 (December 7, 1992), 1993US-0008895 (January 19, 1993), 1992US-0884436 (May 14, 1992), 1993US-0167586 (December 14, 1993), 1995US-0435232 (May 5, 1995), 1992US-0987132 (December 7, 1992), 1994US-0245466 (May 18, 1994), 1995US-0432876 (May 2, 1995), 1992US-0882822 (May 14, 1992), 1994US-0193922 (February 7, 1994), 1993US-0143832 (October 27, 1993), 1995US-0435113 (May 5, 1995), 1995US-0434559 (May 2, 1995), 1997US-0919568 (August 29, 1997), 1996US-0773297 (December 23, 1996), 1997US-0911869 (August 15, 1997), 1996US-0710113 (September 12, 1996), 1998US-0098293 (June 16, 1998), 1998US-0021695 (February 10, 1998), 1998US-0071845 (May 1, 1998), 1998US-0099083 (June 17, 1998), 1999US-0376687 (August 18, 1999), 2000US-0494722 (January 31, 2000), 2002AU-0027742 (March 27, 2002), 1996US-0777916 (December 23, 1996), 2000US-0589628 (June 7, 2000), 1999US-0363238 (July 27, 1999), 1995US-0433218 (May 2, 1995), 2002US-0104956 (March 21, 2002), 2002US-0231874 (August 30, 2002), 2002US-0156432 (May 28, 2002)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>CA 2468048 A1</u>	August 31, 1995	E	000	C07H021/02
<u>WO 9523225 A2</u>	August 31, 1995	E	407	C12N015/52
<u>AU 9518214 A</u>	September 11, 1995		000	
<u>WO 9523225 A3</u>	February 1, 1996		000	
<u>EP 746614 A1</u>	December 11, 1996	E	000	
<u>US 5616488 A</u>	April 1, 1997		145	C12N015/05
<u>US 5631359 A</u>	May 20, 1997		026	C12N005/10
<u>US 5631360 A</u>	May 20, 1997		029	C07H001/00
<u>US 5639647 A</u>	June 17, 1997		025	C12N009/22
<u>US 5658780 A</u>	August 19, 1997		161	C12Q001/68
<u>JP 09509323 W</u>	September 22, 1997		437	C12N015/09
<u>US 5686599 A</u>	November 11, 1997		035	C12P019/34
<u>US 5693532 A</u>	December 2, 1997		168	C12N015/85
<u>US 5714383 A</u>	February 3, 1998		024	C12N015/11
<u>MX 9603638 A1</u>	April 1, 1997		000	C12N015/52
<u>US 5783425 A</u>	July 21, 1998		000	C07H021/00
<u>US 5804683 A</u>	September 8, 1998		000	C07H001/00
<u>US 5811300 A</u>	September 22, 1998		000	C12N015/85
<u>US 5831071 A</u>	November 3, 1998		000	C07H001/00
<u>US 5837542 A</u>	November 17, 1998		000	C12Q001/68
<u>US 5837855 A</u>	November 17, 1998		000	C07H021/04
<u>US 5902880 A</u>	May 11, 1999		000	C12N015/00
<u>AU 706417 B</u>	June 17, 1999		000	
<u>US 5977343 A</u>	November 2, 1999		000	C12P019/34

<u>US 5985621 A</u>	November 16, 1999	000	C12P019/34
<u>AU 9948760 A</u>	November 4, 1999	000	C12N015/52
<u>US 6022962 A</u>	February 8, 2000	000	C07H021/02
<u>US 6093555 A</u>	July 25, 2000	000	C07H021/00
<u>US 6132967 A</u>	October 17, 2000	000	C12Q001/68
<u>AU 744191 B</u>	February 21, 2002	000	C12N015/52
<u>US 6353098 B1</u>	March 5, 2002	000	C07H001/00
<u>US 6365374 B1</u>	April 2, 2002	000	C12P019/38
<u>US 6379954 B1</u>	April 30, 2002	000	C12N005/06
<u>AU 200227742 A</u>	May 16, 2002	000	C12N009/22
<u>US 6410224 B1</u>	June 25, 2002	000	C07H021/04
<u>US 6436644 B1</u>	August 20, 2002	000	C07H021/04
<u>US 6437117 B1</u>	August 20, 2002	000	C07H001/06
<u>US 6469158 B1</u>	October 22, 2002	000	C07H001/00
<u>EP 1260586 A2</u>	November 27, 2002	E 000	C12N015/52
<u>US 20020197684 A1</u>	December 26, 2002	000	C12P019/34
<u>US 20030088087 A1</u>	May 8, 2003	000	C07H021/02
<u>US 20030166917 A1</u>	September 4, 2003	000	C07H021/04
<u>US 6649751 B2</u>	November 18, 2003	000	C07H021/00

US 5804683 A INT-CL (IPC): A61 K 31/70; A61 K 31/7088; A61 K 31/7105; A61 K 31/712; A61 K 35/76; A61 K 38/00; A61 K 38/16; A61 K 48/00; C07 H 1/00; C07 H 1/02; C07 H 1/06; C07 H 19/04; C07 H 19/10; C07 H 19/20; C07 H 19/48; C07 H 21/00; C07 H 21/02; C07 H 21/04; C12 N 5/00; C12 N 5/06; C12 N 5/08; C12 N 5/10; C12 N 9/00; C12 N 9/22; C12 N 15/00; C12 N 15/05; C12 N 15/09; C12 N 15/10; C12 N 15/11; C12 N 15/52; C12 N 15/63; C12 N 15/85; C12 N 15/86; C12 N 15/87; C12 P 19/30; C12 P 19/34; C12 P 19/38; C12 Q 1/68

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw De
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☐ 6. Document ID: WO 9519429 A2, AU 9515665 A, WO 9519429 A3, EP 737247 A1, US 5610054 A, JP 09508018 W, US 5869253 A, MX 9602770 A1, US 6132966 A, MX 195916 B

L8: Entry 6 of 18

File: DWPI

Jul 20, 1995

DERWENT-ACC-NO: 1995-263860

DERWENT-WEEK: 200337

COPYRIGHT 2004 DERWENT INFORMATION LTD

TITLE: New enzymatic RNA molecules - active in specifically cleaving RNA of hepatitis C virus for treating HCV infections

INVENTOR: DRAPER, K G

PRIORITY-DATA: 1994US-0182968 (January 13, 1994), 1992US-0882888 (May 14, 1992), 1996US-0774306 (December 26, 1996), 1998US-0064156 (April 21, 1998)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>WO 9519429 A2</u>	July 20, 1995	E	056	C12N009/00
<u>AU 9515665 A</u>	August 1, 1995		000	

WO 9519429 A3	September 8, 1995		000	
EP 737247 A1	October 16, 1996	E	000	
US 5610054 A	March 11, 1997		096	C12N015/85
JP 09508018 W	August 19, 1997		057	C12N009/00
US 5869253 A	February 9, 1999		000	C12Q001/68
MX 9602770 A1	June 1, 1998		000	C12N009/00
US 6132966 A	October 17, 2000		000	C12Q001/68
MX 195916 B	April 7, 2000		000	C12N015/085

INT-CL (IPC): A61 K 35/12; A61 K 39/29; A61 K 48/00; A61 K 48/000; C07 H 21/02; C07 H 21/04; C12 N 5/10; C12 N 7/00; C12 N 9/00; C12 N 15/085; C12 N 15/09; C12 N 15/11; C12 N 15/51; C12 N 15/63; C12 N 15/85; C12 Q 1/068; C12 Q 1/68

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw. D
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☐ 7. Document ID: WO 9513380 A2, AU 9510973 A, WO 9513380 A3, EP 728205 A1, JP 09504949 W, AU 704687 B, MX 194660 B, EP 728205 B1, DE 69431564 E

L8: Entry 7 of 18

File: DWPI

May 18, 1995

DERWENT-ACC-NO: 1995-194099

DERWENT-WEEK: 200337

COPYRIGHT 2004 DERWENT INFORMATION LTD

TITLE: New enzymatic RNA molecules - which cleave mRNA of a gene encoding a matrix metalloproteinase, for treating arthritis, cancer or angiogenesis.

INVENTOR: DRAPER, K G; GUSTOFSON, J ; MCSWIGGEN, J ; PAVCO, P

PRIORITY-DATA: 1993US-0152487 (November 12, 1993)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
WO 9513380 A2	May 18, 1995	E	070	C12N015/52
AU 9510973 A	May 29, 1995		000	
WO 9513380 A3	June 22, 1995		000	
EP 728205 A1	August 28, 1996	E	000	C12N015/52
JP 09504949 W	May 20, 1997		067	C12N015/09
AU 704687 B	April 29, 1999		000	
MX 194660 B	December 16, 1999		000	C12N015/085
EP 728205 B1	October 16, 2002	E	000	C12N015/52
DE 69431564 E	November 21, 2002		000	C12N015/52

INT-CL (IPC): A61 K 31/70; A61 K 48/000; C07 H 21/02; C12 N 5/06; C12 N 9/00; C12 N 15/085; C12 N 15/09; C12 N 15/52; C12 Q 1/068

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw. D
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☐ 8. Document ID: MX 207570 B, WO 9504818 A1, AU 9473755 A, EP 716693 A1, JP

09501318 W, US 5693535 A, MX 9406022 A1, AU 9898253 A, US 5972704 A, US 6159692 A,
AU 200133401 A

L8: Entry 8 of 18

File: DWPI

Apr 25, 2002

DERWENT-ACC-NO: 1995-090896

DERWENT-WEEK: 200363

COPYRIGHT 2004 DERWENT INFORMATION LTD

TITLE: Enzymatic nucleic acid cleaves RNA of an immunodeficiency virus - useful for
treating an acquired immunodeficiency disease, and in a vector to immunise against
infection with HIV-1

INVENTOR: CHOWRIRA, B; DRAPER, K G ; MCSWIGGEN, J ; STINCHCOMB, D T ; THOMPSON, J D

PRIORITY-DATA: 1994US-0271880 (July 7, 1994), 1993US-0103423 (August 6, 1993),
1992US-0882886 (May 14, 1992), 1997US-0910408 (August 13, 1997), 1999US-0249215
(February 12, 1999), 2001AU-0033401 (April 2, 2001)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
MX 207570 B	April 25, 2002		000	C12N015/83
WO 9504818 A1	February 16, 1995	E	101	C12N015/11
AU 9473755 A	February 28, 1995		000	
EP 716693 A1	June 19, 1996	E	000	
JP 09501318 W	February 10, 1997		105	C12N015/09
US 5693535 A	December 2, 1997		077	C12N015/83
MX 9406022 A1	August 1, 1997		000	C12N015/10
AU 9898253 A	March 4, 1999		000	C12N009/00
US 5972704 A	October 26, 1999		000	C12Q001/68
US 6159692 A	December 12, 2000		000	C12Q001/68
AU 200133401 A	June 28, 2001		000	A61K031/70

INT-CL (IPC): A61 K 31/70; A61 K 39/21; A61 K 48/00; C07 H 21/04; C12 N 5/10; C12 N
7/00; C12 N 7/04; C12 N 9/00; C12 N 15/09; C12 N 15/10; C12 N 15/11; C12 N 15/63;
C12 N 15/83; C12 N 15/85; C12 N 15/86; C12 Q 1/68

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw D
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☐ 9. Document ID: WO 9429452 A2, WO 9429452 A3, AU 9470538 A

L8: Entry 9 of 18

File: DWPI

Dec 22, 1994

DERWENT-ACC-NO: 1995-051612

DERWENT-WEEK: 199611

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TITLE: Enzymatic RNA molecule with, e.g. a hammerhead or hairpin motif - cleaves
mRNA associated with fibrous or connective tissue disease, and is useful for
treatment or prophylaxis of such diseases

INVENTOR: DRAPER, K G

PRIORITY-DATA: 1993US-0074343 (June 9, 1993)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>WO 9429452 A2</u>	December 22, 1994	E	063	C12N015/52
<u>WO 9429452 A3</u>	February 2, 1995		000	C12N015/52
<u>AU 9470538 A</u>	January 3, 1995		000	C12N015/52

INT-CL (IPC): A61K 31/70; C12N 9/00; C12N 15/52

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw. De
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☐ 10. Document ID: WO 9419945 A1, JP 2739774 B2, AU 9463619 A, EP 692930 A1, US 5514577 A, JP 08503959 W

L8: Entry 10 of 18

File: DWPI

Sep 15, 1994

DERWENT-ACC-NO: 1994-302552

DERWENT-WEEK: 199820

COPYRIGHT 2004 DERWENT INFORMATION LTD

TITLE: New oligonucleotide(s) hybridising with DNA or RNA of herpesvirus gene - are used in the treatment and diagnosis of herpes simplex virus, cytomegalovirus, Epstein Barr virus and varicella zoster infections

INVENTOR: ANDERSON, K P; BROWN-DRIVER, V L ; CROOKE, S T ; DRAPER, K G ; ECKER, D J ; HANECAK, R C ; MIRABELLI, C K ; WYATT, J R ; HANECAK, R ; ERSON, K P

PRIORITY-DATA: 1993US-0031147 (March 12, 1993), 1990US-0485297 (February 26, 1990), 1992US-0852132 (April 28, 1992), 1992US-0954185 (September 29, 1992)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>WO 9419945 A1</u>	September 15, 1994		072	A01N043/04
<u>JP 2739774 B2</u>	April 15, 1998		027	C07H021/04
<u>AU 9463619 A</u>	September 26, 1994		000	A01N043/04
<u>EP 692930 A1</u>	January 24, 1996	E	000	A01N043/04
<u>US 5514577 A</u>	May 7, 1996		028	C12N007/06
<u>JP 08503959 W</u>	April 30, 1996		070	C07H021/04

INT-CL (IPC): A01 N 43/04; A61 K 31/70; C07 H 17/00; C07 H 21/04; C12 N 7/06; C12 N 15/09

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw. De
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Draper K G.in.

18

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DATE: Wednesday, October 20, 2004

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<input type="checkbox"/>	L8	Draper K G.in.	18
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DB=USPT; PLUR=YES; OP=ADJ

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<input type="checkbox"/>	L6	UL8 and UI52	28
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DB=EPAB; PLUR=YES; OP=ADJ

<input type="checkbox"/>	L5	UL8 and UI52	1
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<input type="checkbox"/>	L4	UL54 and UL102	1
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<input type="checkbox"/>	L3	UL54 and UL102	0
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<input type="checkbox"/>	L2	UL54 and UL102	0
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DB=USPT; PLUR=YES; OP=ADJ

<input type="checkbox"/>	L1	UL54 and UL102	5
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Search Results - Record(s) 1 through 10 of 28 returned.

☐ 1. Document ID: US 6793926 B1

L6: Entry 1 of 28

File: USPT

Sep 21, 2004

US-PAT-NO: 6793926

DOCUMENT-IDENTIFIER: US 6793926 B1

TITLE: Methods for production of a recombinant adeno-associated virus

DATE-ISSUED: September 21, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rasty; Siyamak	Wilmington	DE		
Gonda; Matthew A.	Vestavia Hills	AL		
Chen; Haifeng	Media	PA		

US-CL-CURRENT: [424/199.1](#); [424/184.1](#), [424/204.1](#), [424/233.1](#), [435/235.1](#), [435/320.1](#),
[435/455](#), [435/456](#), [435/457](#), [435/69.1](#), [514/44](#), [536/23.1](#), [536/23.72](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	RMIC	Draw. De
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☐ 2. Document ID: US 6783972 B1

L6: Entry 2 of 28

File: USPT

Aug 31, 2004

US-PAT-NO: 6783972

DOCUMENT-IDENTIFIER: US 6783972 B1

TITLE: Methods for large-scale production of recombinant AAV vectors

DATE-ISSUED: August 31, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Byrne; Barry J.	Gainesville	FL		
Conway; James E.	Elkton	MD		
Hayward; Gary S.	Towson	MD		
Muzyzcka; Nicholas	Gainesville	FL		
Zolotukhin; Sergei	Gainesville	FL		

US-CL-CURRENT: [435/235.1](#); [435/320.1](#), [435/325](#), [435/456](#), [435/69.1](#), [514/44](#), [536/23.1](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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☐ 3. Document ID: US 6627617 B1

L6: Entry 3 of 28

File: USPT

Sep 30, 2003

US-PAT-NO: 6627617

DOCUMENT-IDENTIFIER: US 6627617 B1

**** See image for Certificate of Correction ****

TITLE: Temperature-sensitive regulation of viral vector production

DATE-ISSUED: September 30, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Samulski; Richard Jude	Chapel Hill	NC		
Gavin; Denise	Silver Spring	MD		
Muzyczka; Nicholas	Gainesville	FL		
Abernathy; Corinne	Gainesville	FL		
Pereira; Daniel	Alexandria	VA		

US-CL-CURRENT: 514/44; 424/233.1, 435/235.1, 435/320.1, 435/325

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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☐ 4. Document ID: US 6617114 B1

L6: Entry 4 of 28

File: USPT

Sep 9, 2003

US-PAT-NO: 6617114

DOCUMENT-IDENTIFIER: US 6617114 B1

TITLE: Identification of drug complementary combinatorial libraries

DATE-ISSUED: September 9, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Fowlkes; Dana M.	Chapel Hill	NC		
Kay; Brian K.	Madison	WI		
Frelinger; Jeffrey A.	Chapel Hill	NC		
Hyde-Deruyser; Robin Parish	Chapel Hill	NC		

US-CL-CURRENT: 435/7.1; 435/4, 435/5, 435/6, 435/DIG.14, 435/DIG.2, 435/DIG.27,
435/DIG.9, 530/324, 530/325, 530/330, 530/350

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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☐ 5. Document ID: US 6518013 B1

L6: Entry 5 of 28

File: USPT

Feb 11, 2003

US-PAT-NO: 6518013

DOCUMENT-IDENTIFIER: US 6518013 B1

TITLE: Methods for the inhibition of epstein-barr virus transmission employing anti-viral peptides capable of abrogating viral fusion and transmission

DATE-ISSUED: February 11, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Barney; Shawn O'Lin	Cary	NC		
Lambert; Dennis Michael	Cary	NC		
Petteway; Stephen Robert.	Cary	NC		

US-CL-CURRENT: 435/5; 424/230.1, 530/300, 530/324, 530/325, 530/326

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWMC	Draw D
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☐ 6. Document ID: US 6479055 B1

L6: Entry 6 of 28

File: USPT

Nov 12, 2002

US-PAT-NO: 6479055

DOCUMENT-IDENTIFIER: US 6479055 B1

**** See image for Certificate of Correction ****

TITLE: Methods for inhibition of membrane fusion-associated events, including respiratory syncytial virus transmission

DATE-ISSUED: November 12, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bolognesi; Dani Paul	Durham	NC		
Matthews; Thomas James	Durham	NC		
Wild; Carl T.	Durham	NC		
Barney; Shawn O'Lin	Cary	NC		
Lambert; Dennis Michael	Cary	NC		
Petteway; Stephen Robert	Cary	NC		
Langlois; Alphonse J.	Durham	NC		

US-CL-CURRENT: 424/211.1; 424/186.1, 530/324

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWMC	Draw D
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☐ 7. Document ID: US 6458959 B1

L6: Entry 7 of 28

File: USPT

Oct 1, 2002

US-PAT-NO: 6458959

DOCUMENT-IDENTIFIER: US 6458959 B1

TITLE: Anti-herpesvirus compounds and methods for identifying, making and using same

DATE-ISSUED: October 1, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Crute; James J.	Danbury	CT		
Faucher; Anne-Marie	Oka			CA
Grygon; Christine A.	New Milford	CT		
Hargrave; Karl D.	Brookfield	CT		
Simoneau; Bruno	Laval			CA
Thavonekham; Bounkham	Longeuil			CA

US-CL-CURRENT: 548/194; 548/204

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KVMC	Draw. Dis
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☐ 8. Document ID: US 6348477 B1

L6: Entry 8 of 28

File: USPT

Feb 19, 2002

US-PAT-NO: 6348477

DOCUMENT-IDENTIFIER: US 6348477 B1

TITLE: Anti-herpesvirus compounds and methods for identifying, making and using same

DATE-ISSUED: February 19, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Crute; James J.	Danbury	CT		
Faucher; Anne-Marie	Oka			CA
Grygon; Christine A.	New Milford	CT		
Hargrave; Karl D.	Brookfield	CT		
Simoneau; Bruno	Laval			CA
Thavonekham; Bounkham	Longeuil			CA

US-CL-CURRENT: 514/336; 514/277, 514/332, 514/340, 546/256, 546/268.1, 546/268.4,
546/269.7

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWMC	Drawn De
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☐ 9. Document ID: US 6337074 B1

L6: Entry 9 of 28

File: USPT

Jan 8, 2002

US-PAT-NO: 6337074

DOCUMENT-IDENTIFIER: US 6337074 B1

**** See image for Certificate of Correction ****

TITLE: Anti-herpesviral agent

DATE-ISSUED: January 8, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Marsden; Howard Sinkinson	Helensburgh			GB
Stow; Nigel Dennis	Johnstone			GB
McLean; Gordon William	Livingston			GB

US-CL-CURRENT: 424/229.1; 424/204.1, 424/231.1, 435/5, 530/300, 536/23.72

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWMC	Drawn De
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☐ 10. Document ID: US 6323202 B1

L6: Entry 10 of 28

File: USPT

Nov 27, 2001

US-PAT-NO: 6323202

DOCUMENT-IDENTIFIER: US 6323202 B1

TITLE: HSV primase inhibitors

DATE-ISSUED: November 27, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Simoneau; Bruno	Laval			CA
Liuzzi; Michele	Outremont			CA
Mentrup; Anton	Mainz-Kastel			DE

US-CL-CURRENT: 514/237.5; 514/255.01, 514/315, 514/428, 514/616, 514/617, 544/162, 544/165, 548/562, 564/164, 564/170, 564/175, 564/176, 564/177, 564/179

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWMC	Drawn De
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UL8 and UL52	28

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- L4 ANSWER 1 OF 6 MEDLINE on STN
TI Interactions between human cytomegalovirus helicase-primase proteins.
- L4 ANSWER 2 OF 6 MEDLINE on STN
TI Characterization of the human cytomegalovirus UL105 gene and identification of the putative helicase protein.
- L4 ANSWER 3 OF 6 MEDLINE on STN
TI DNA sequence and transcriptional analysis of the glycoprotein M gene of murine cytomegalovirus.
- L4 ANSWER 4 OF 6 MEDLINE on STN
TI Human cytomegalovirus **UL102** gene.
- L4 ANSWER 5 OF 6 MEDLINE on STN
TI Mapping and transcriptional analysis of the murine cytomegalovirus homologue of the human cytomegalovirus UL103 open reading frame.
- L4 ANSWER 6 OF 6 MEDLINE on STN
TI Nucleotide sequence analysis of a 21-kbp region of the genome of human herpesvirus-6 containing homologues of human cytomegalovirus major immediate-early and replication genes.

=> d 17 1-6

L7 ANSWER 1 OF 6 MEDLINE on STN
AN 2003120609 MEDLINE
DN PubMed ID: 12634381
TI Recruitment of polymerase to herpes simplex virus type 1 replication foci
in cells expressing mutant primase (UL52) proteins.
AU Carrington-Lawrence Stacy D; Weller Sandra K
CS Department of Microbiology, University of Connecticut Health Center,
Farmington 06032-3205, USA.
NC AI21747 (NIAID)
SO Journal of virology, (2003 Apr) 77 (7) 4237-47.
Journal code: 0113724. ISSN: 0022-538X.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200304
ED Entered STN: 20030314
Last Updated on STN: 20030426
Entered Medline: 20030425

L7 ANSWER 2 OF 6 MEDLINE on STN
AN 97404644 MEDLINE
DN PubMed ID: 9261356
TI The catalytic subunit of the DNA polymerase of herpes simplex virus type 1
interacts specifically with the C terminus of the **UL8** component
of the viral helicase-primase complex.
AU Marsden H S; McLean G W; Barnard E C; Francis G J; MacEachran K; Murphy M;
McVey G; Cross A; Abbotts A P; Stow N D
CS MRC Virology Unit, University of Glasgow, United Kingdom..
H.Marsden@vir.gla.ac.uk
SO Journal of virology, (1997 Sep) 71 (9) 6390-7.
Journal code: 0113724. ISSN: 0022-538X.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199709
ED Entered STN: 19970926
Last Updated on STN: 20021008
Entered Medline: 19970917

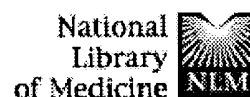
L7 ANSWER 3 OF 6 MEDLINE on STN
AN 97275898 MEDLINE
DN PubMed ID: 9129659
TI A functional interaction of ICP8, the herpes simplex virus single-stranded
DNA-binding protein, and the helicase-primase complex that is dependent on
the presence of the **UL8** subunit.
AU Hamatake R K; Bifano M; Hurlburt W W; Tenney D J
CS Department of Virology, Bristol-Myers Squibb Pharmaceutical Research
Institute, Wallingford, CT 06492, USA.. Robert-K-Hamatake@BMS.com
SO Journal of general virology, (1997 Apr) 78 (Pt 4) 857-65.
Journal code: 0077340. ISSN: 0022-1317.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
OS GENBANK-J02482
EM 199705
ED Entered STN: 19970609

Last Updated on STN: 19970609
Entered Medline: 19970523

L7 ANSWER 4 OF 6 MEDLINE on STN
AN 97213989 MEDLINE
DN PubMed ID: 9060678
TI Assembly of complete, functionally active herpes simplex virus DNA replication compartments and recruitment of associated viral and cellular proteins in transient cotransfection assays.
AU Zhong L; Hayward G S
CS Department of Pharmacology and Molecular Sciences, Johns Hopkins University School of Medicine, Baltimore, Maryland 21205, USA.
NC R01 CA28473 (NCI)
R01-CA34 (NCI)
T32GM07445 (NIGMS)
SO Journal of virology, (1997 Apr) 71 (4) 3146-60.
Journal code: 0113724. ISSN: 0022-538X.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199704
ED Entered STN: 19970424
Last Updated on STN: 20021008
Entered Medline: 19970411

L7 ANSWER 5 OF 6 MEDLINE on STN
AN 96406937 MEDLINE
DN PubMed ID: 8811024
TI The herpes simplex virus type 1 **UL8** protein influences the intracellular localization of the UL52 but not the ICP8 or **POL** replication proteins in virus-infected cells.
AU Marsden H S; Cross A M; Francis G J; Patel A H; MacEachran K; Murphy M; McVey G; Haydon D; Abbotts A; Stow N D
CS MRC Virology Unit, Church Street, Glasgow, UK.. H.Marsden@vir.gla.ac.uk
SO Journal of general virology, (1996 Sep) 77 (Pt 9) 2241-9.
Journal code: 0077340. ISSN: 0022-1317.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199611
ED Entered STN: 19961219
Last Updated on STN: 20021008
Entered Medline: 19961105

L7 ANSWER 6 OF 6 MEDLINE on STN
AN 89068832 MEDLINE
DN PubMed ID: 2535726
TI Herpes simplex virus type 1 gene products required for DNA replication: identification and overexpression.
AU Olivo P D; Nelson N J; Challberg M D
CS Laboratory of Viral Diseases, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland 20892.
SO Journal of virology, (1989 Jan) 63 (1) 196-204.
Journal code: 0113724. ISSN: 0022-538X.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 198901



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☐ 21: [Lukonis CJ, Burkham J, Weller SK.](#)

[Related Articles, L](#)



Herpes simplex virus type 1 prereplicative sites are a heterogeneous population: only a subset are likely to be precursors to replication compartments.

J Virol. 1997 Jun;71(6):4771-81.

PMID: 9151871 [PubMed - indexed for MEDLINE]

☐ 22: [Hamatake RK, Bifano M, Hurlburt WW, Tenney DJ.](#)

[Related Articles, L](#)



A functional interaction of ICP8, the herpes simplex virus single-stranded DNA-binding protein, and the helicase-primase complex that is dependent the presence of the UL8 subunit.

J Gen Virol. 1997 Apr;78 (Pt 4):857-65.

PMID: 9129659 [PubMed - indexed for MEDLINE]

☐ 23: [Zhong L, Hayward GS.](#)

[Related Articles, L](#)



Assembly of complete, functionally active herpes simplex virus DNA replication compartments and recruitment of associated viral and cellular proteins in transient cotransfection assays.

J Virol. 1997 Apr;71(4):3146-60.

PMID: 9060678 [PubMed - indexed for MEDLINE]

☐ 24: [Graves-Woodward KL, Gottlieb J, Challberg MD, Weller SK.](#)

[Related Articles, L](#)



Biochemical analyses of mutations in the HSV-1 helicase-primase that alter ATP hydrolysis, DNA unwinding, and coupling between hydrolysis and unwinding.

J Biol Chem. 1997 Feb 14;272(7):4623-30.

PMID: 9020191 [PubMed - indexed for MEDLINE]

☐ 25: [Healy S, You X, Dodson M.](#)

[Related Articles, L](#)



Interactions of a subassembly of the herpes simplex virus type 1 helicase-primase with DNA.

J Biol Chem. 1997 Feb 7;272(6):3411-5.

PMID: 9013584 [PubMed - indexed for MEDLINE]

☐ 26: [Lindquester GJ, O'Brian JJ, Anton ED, Greenamoyer CA, Pellett PE, Dambaugh TR.](#)

[Related Articles, L](#)



Genetic content of a 20.9 kb segment of human herpesvirus 6B strain Z29 spanning the homologs of human herpesvirus 6A genes U40-57 and containing the origin of DNA replication.

Arch Virol. 1997;142(1):103-23.

PMID: 9155876 [PubMed - indexed for MEDLINE]

☐ 27: [Schwyzer M, Styger D, Vogt B, Lowery DE, Simard C, LaBoissiere S.](#)

[Related Articles, L](#)

Misra V, Vlack C, Paces V.



Gene contents in a 31-kb segment at the left genome end of bovine herpesvirus-1.

Vet Microbiol. 1996 Nov;53(1-2):67-77. Review.
PMID: 9010999 [PubMed - indexed for MEDLINE]



28: Marsden HS, Cross AM, Francis GJ, Patel AH, MacEachran K, Murphy M, McVey G, Haydon D, Abbotts A, Stow ND.

Related Articles, L



The herpes simplex virus type 1 UL8 protein influences the intracellular localization of the UL52 but not the ICP8 or POL replication proteins in vii infected cells.

J Gen Virol. 1996 Sep;77 (Pt 9):2241-9.
PMID: 8811024 [PubMed - indexed for MEDLINE]



29: Tanguy Le Gac N, Villani G, Hoffmann JS, Boehmer PE.

Related Articles, L



The UL8 subunit of the herpes simplex virus type-1 DNA helicase-primase optimizes utilization of DNA templates covered by the homologous single-strand DNA-binding protein ICP8.

J Biol Chem. 1996 Aug 30;271(35):21645-51.
PMID: 8702953 [PubMed - indexed for MEDLINE]



30: Graves-Woodward KL, Weller SK.

Related Articles, L



Replacement of gly815 in helicase motif V alters the single-stranded DNA-dependent ATPase activity of the herpes simplex virus type 1 helicase-primase.

J Biol Chem. 1996 Jun 7;271(23):13629-35.
PMID: 8662872 [PubMed - indexed for MEDLINE]



31: Uprichard SL, Knipe DM.

Related Articles, L



Herpes simplex ICP27 mutant viruses exhibit reduced expression of specific DNA replication genes.

J Virol. 1996 Mar;70(3):1969-80.
PMID: 8627723 [PubMed - indexed for MEDLINE]



32: Liptak LM, Uprichard SL, Knipe DM.

Related Articles, L



Functional order of assembly of herpes simplex virus DNA replication proteins into prereplicative site structures.

J Virol. 1996 Mar;70(3):1759-67.
PMID: 8627698 [PubMed - indexed for MEDLINE]



33: Baumeister J, Klupp BG, Mettenleiter TC.

Related Articles, L



Pseudorabies virus and equine herpesvirus 1 share a nonessential gene which is absent in other herpesviruses and located adjacent to a highly conserved gene cluster.

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